ACTA MATHEMATICA SINICA ___ CHINESE MATHEMATICS

INDEX FOR THE YEAR 1961

Volume 11 (1961), Numbers 1-4 of the original Volume 2 (1962), Numbers 1-4 of the translation

Number 1		Original page no.	Page
Shih Tsung-pao (Shih Tsung-pao) and Wang Kuang-yin (Wang Kuang-yin)* 石宗当 Two-layer baroclinic modeling.	王光寅	(1)	1
Look, K. H. (Lu Chi-keng) and Hsu I-chau (Hsü I-chao) 精启组 A note on transitive domains.	許以超	(11)	11
Sophomore and Junior Planning Study Group Application of finite two-person zero sum game problems to the planning of vegetable cultivation.		(24)	27
Hua Lo-keng (Hua Lo-keng) and Wang Yuan (Wang Yüan) 华罗身 On the problem of calculating mineral reserves and hill area on con- tour line maps.	王 元	(29)	. 33
Su Buchin (Su Pu-ch'ing) Contributions to the theory of conjugate nets in projective hyper- space (II)**.	苏步青	(41)	46
Wu Wen-tsün (Wu Wen-tsun) On non-cooperative games with restricted domains of activities **	吳文俊	(47)	54
Hua Lo-keng (Hua Lo-Keng) and others Application of mathematical methods to wheat harvesting	华罗庚等	(63)	77
Huang Hung-chia (Huang Hung-chia) Some differential equation problems in electronics	黄宏嘉	(76)	92
Shu Sung-Kuei (Shu Sung-kuei) and Fan Ming-shih (Fan Ming-shih) 疏松柱 Theoretical analysis of direct current synchronizing systems.		(86)	104
Number 2			
Class 56, Thin Shell Group Analysis of hyperbolic paraboloidal shells including bending moments.	***********	(105)	123
Shen Sing-yao (Shen Hsin-yao) On natural systems of A _n ² -polyhedra**	沈信耀	(120)	139
Cheng Ts'eng-t'ung (Cheng Ts'eng-t'ung) Weak convergence of measures and strong Markov processes.	郑曾同	(126)	148
Cheng Ts'eng-t'ung (Cheng Ts'eng-t'ung) Stochastic measures and stochastic integrals.	郑曾同	(133)	155
Chang Yung-shu, Li Kun-yuan and Wang Mu-chiu (Chang Yung-shu, Li Kun-Yuan and Wang Mu-chiu) 张永曙 李昆垣 On the stability of motion in a finite time.	王嘉秋	(141)	163

^{*} The author's name is given first in the form in which it appears in the individual issues of the translation, then (in parentheses) in the Wade-Giles translateration, and finally in Chinese characters.

^{**} A facsimile of the translation from the Chinese appearing in the journal Scientia Sinica, published in Peking.

			Original page no.	Page
Lin Chun (Lin Chun) A discussion of some questions, regarding difference methods for		羣		
systems of nonlinear differential equations.			(151)	173
Hou Cheng-ting (Hou Chen-t'ing) A proof of an assertion of Palm in the queuing theory	侯技		(166)	188
Shu Sung-kuei (Shu Sung-kuei) Stability and nonlinear oscillation problems in multi-stage electrical shaft systems.	疏松		(170)	192
Chou Yu-lin (Chou Yu-lin)	周銅		(2.0)	-/-
Nonlinear partial differential equations.			(181)	204
Number 3				
Hsia Tao-hsing (Hsia Tao-hsing) Conditionally positive definite distributions with a finite number of	更迫		(102)	217
negative squares. Chou Yu-lin (Chou Yu-lin) Boundary problems for nonlinear parabolic equations on regions with	周舗	麟	(193)	217
Curvilinear boundary. Cheng Shao-lien, Tao Tsung-ying and others (Cheng Shao-lien, T'ao Tsung-ying) The estimation of regression coefficients of time series with multi-dimensional stationary random disturbances.	陶宗李	芒等	(222)	248
Huang Hung-chia (Huang Hung-chia) The method of slowly varying coefficients.	黄法	嘉	(238)	267
Chang Li-chien (Chang Li-ch'ien) The maximum and minimum probabilities of cyclic stochastic inequalities.	张里	十	(248)	279
Hsia Chi-sheng, Chang Chao-chih, Ma Hsi-wen, Hsieh Chung-chieh and Wang Yu-chih (Hsia Ch'i-chung, Chang Chao-chih, Ma Hsi-wen, Hsieh Chung-chieh and Wang Yu-chih) 又起圣 Asymptotic solution of the optimal quantization problem			(252)	284
Hu Kuo-ting (Hu Kuo-ting) Three kinds of converses to Shannon's theorem in information theory.	胡国		(260)	293
Number 4				
	奥	+		
Wu Fang (Wu Fang) On the queuing process Gl/M/n.		*****	(295)	333
Hsieh Yen-chien (Yeh Yen-ch'ien) The differential calculus of limit cycles	叶彦		(306)	344
Ku Chao-hao, Li Ta-chien, Hou Tsung-yi and others				
Ku Ch'ao-hao, Li Ta-ch'ien, Hou Tsung-i)				
hyperbolic equations.	******	****	(314)	354

	Original page no.	Page
Ku Chao-hao, Li Ta-chien, Hou Tsung-yi and others (Ku Ch'ao-hao, Li Ta-ch'ien, Hou Tsung-i) 谷超豪 李大潛 侯宗义等 Discontinuous initial value problems for systems of quasi-linear hyperbolic equations. II.		366
Chang Kai-ming (Chang Kai-ming) 张开明		
On a problem in steady motion of an incompressible viscous fluid. Su Buchin (Su Pu-ch'ing) and Wang Chia-leng (Wang Chia-lien) 苏步青 王家建 Contributions to the theory of conjugate nets in projective hyper-	(328)	371
space (III)*。 Su Buchin (Su Pu-ch'ing) 苏步青	(333)	376
Contributions to the theory of conjugate nets in projective hyper- space (IV)*.	(340)	386
Wu Wen-tsün (Wu Wen-tsun) 吳文俊 On a theorem of Leray.	(348)	398
Chang Li-chien (Chang Li-ch'ien) Order statistics with invariant mean and variance.	(357)	411
Tung Kuang-chang (Tung Kuang-ch'ang) A boundary value problem for a degenerate elliptic equation	(371)	425
Jiang Jia-he (Chiang Chia-ho)	(376)	431
Chang Ping-ken (Ch'ang P'ing-k'en)		
No. 4).	(379)	437
Wan Che-hsien (Wan Che-hsien) 万哲先 A proof of a theorem on automorphisms of linear groups	(380)	438
Hu Hai-chang (Hu Hai-ch'ang) Discussion of the article "Analysis of hyperbolic paraboloidal"	(200)	44=
shells including bending moments".	(388)	447

^{*} A facsimile of the translation from the Chinese appearing in the journal Scientia Sinica, published in Peking.

1.0

